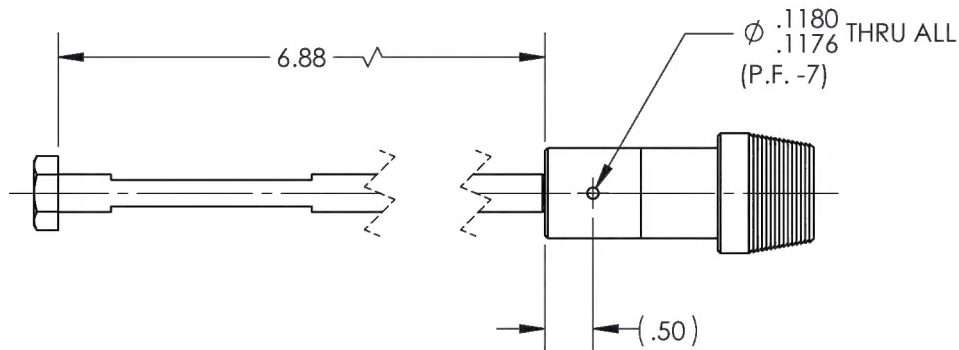
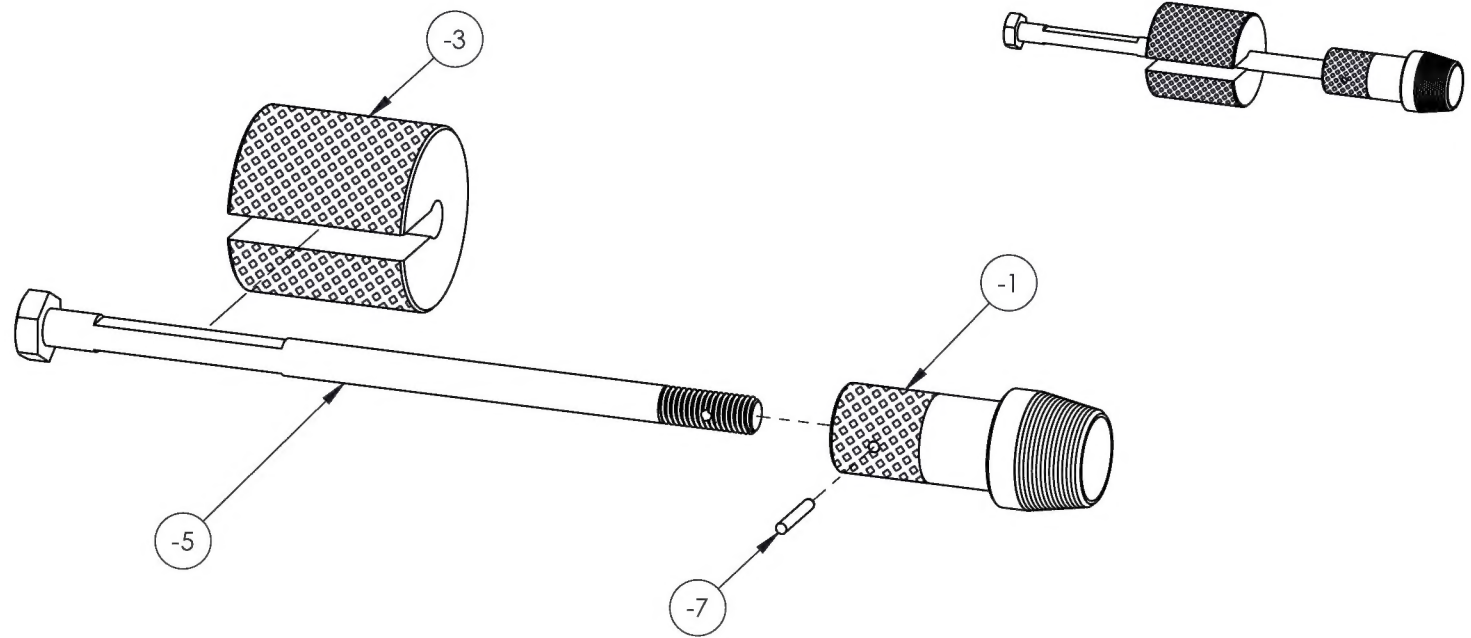


This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	9/6/2016	DPD	JAG



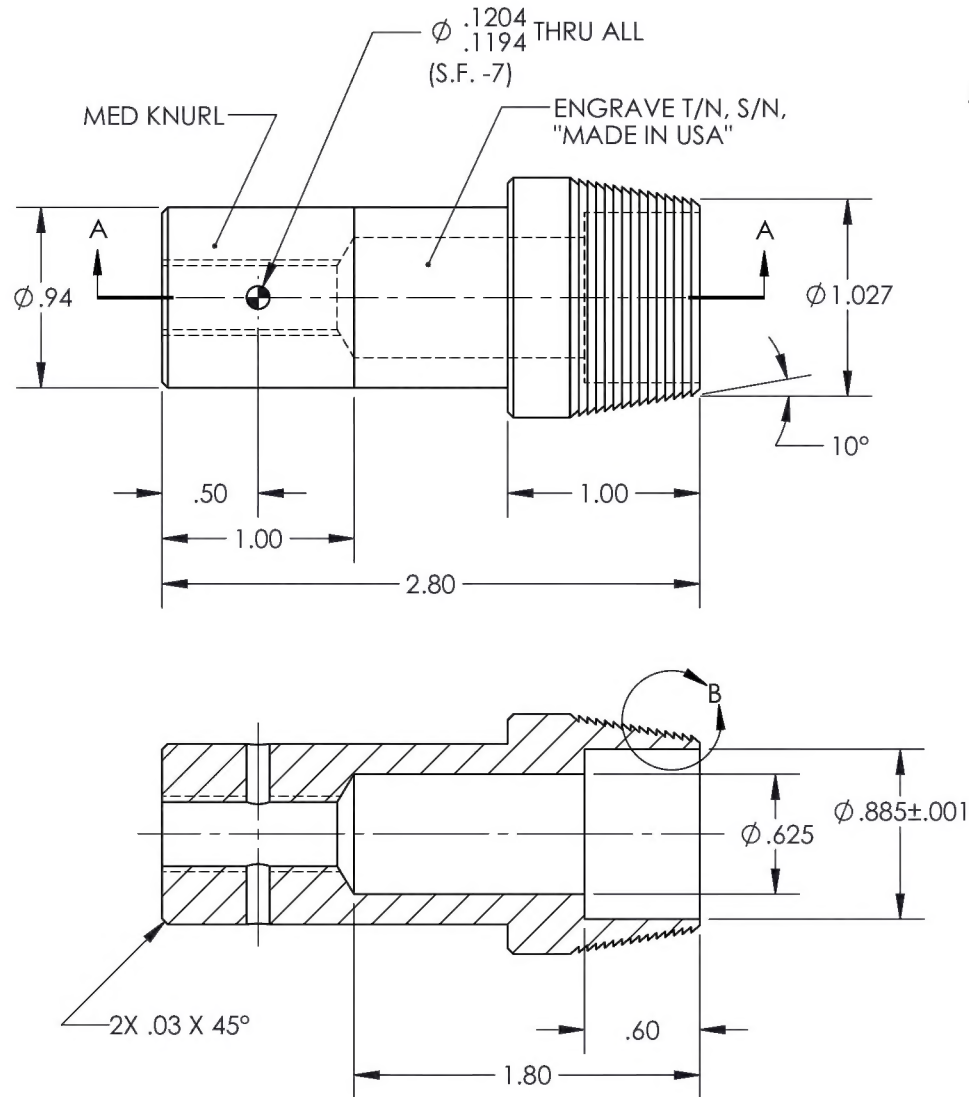
NOTE:  
REF. AIRBUS T/N: 117-68021W13.

<b>DART</b> AEROSPACE	
TITLE <b>EXTRACTOR</b>	
DWG NO. <b>RBE117-68021W13</b>	REV <b>1</b>
MAT'L HEAT TREAT FINISH SPEC	
DRAWN BY: <b>DUERFELDT</b> CHECKED: <b>CLOUGH</b> OPPTS APPR: <b>ANDERSON</b> QA APPR: <b>LINDSAY</b> APPROVED: <b>GILBERT</b>	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125° 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
USED ON MODEL <b>H145</b>	
SCALE <b>1:2</b>	DATE <b>8/25/2016</b>
SHEET 1 OF 4	

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	PULLER HEAD	4140/4142		2
			-3	1	IMPACT WEIGHT	4140/4142		3
			-5	1	HEX HEAD CAP SCREW	STEEL	M10 X 1.5mm X 200mm, CLASS 10.9 (FASTENAL #0127161) MODIFIED	4
		B/O	-7	1	DOWEL PIN	STEEL	M3 X 22mm (MCMaster-CARR #91595A126)	1

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

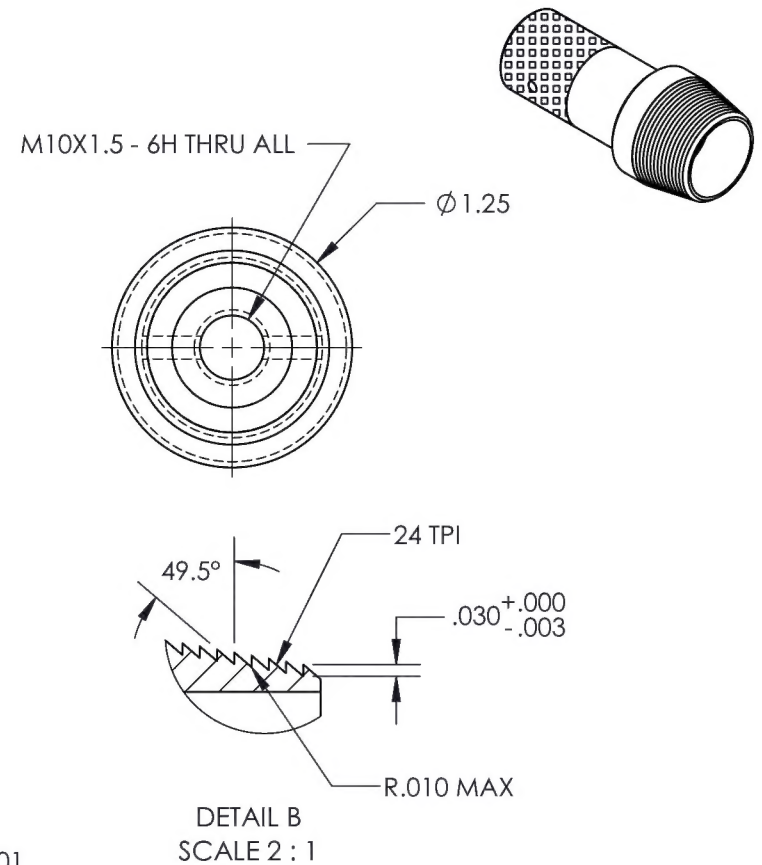
REVISIONS						
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED	



SECTION A-A

(-1)

PULLER HEAD

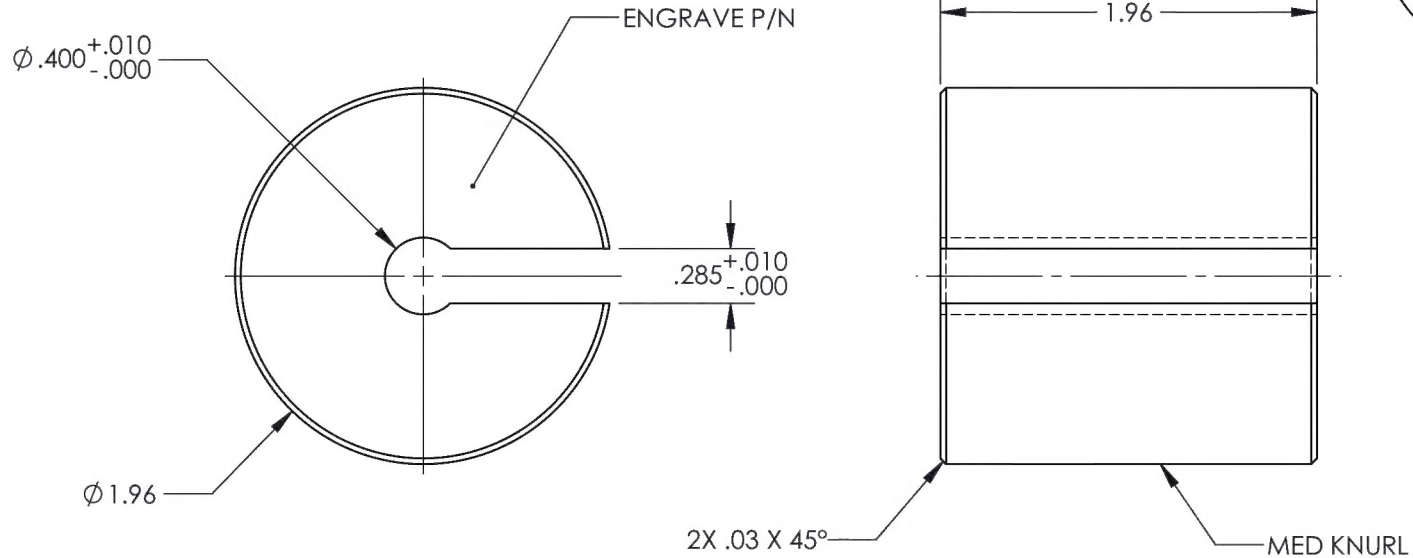


DETAIL B  
SCALE 2 : 1

<b>DART AEROSPACE</b>	
TITLE <b>EXTRACTOR</b>	
DWG NO. <b>RBE117-68021W13-1</b>	REV <b>1</b>
MAT'L 4140/4142 HEAT TREAT RC 28-34 FINISH ZINC PLATE SPEC ASTM B633 TYPE I SC 2	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125°	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: <b>DUERFELDT</b>	USED ON MODEL <b>H145</b>
CHECKED: <b>CLOUGH</b>	
OPPS APPR: <b>ANDERSON</b>	
QA APPR: <b>LINDSAY</b>	
APPROVED: <b>GILBERT</b>	
SCALE <b>1:1</b>	DATE <b>8/25/2016</b>
SHEET 2 OF 4	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED

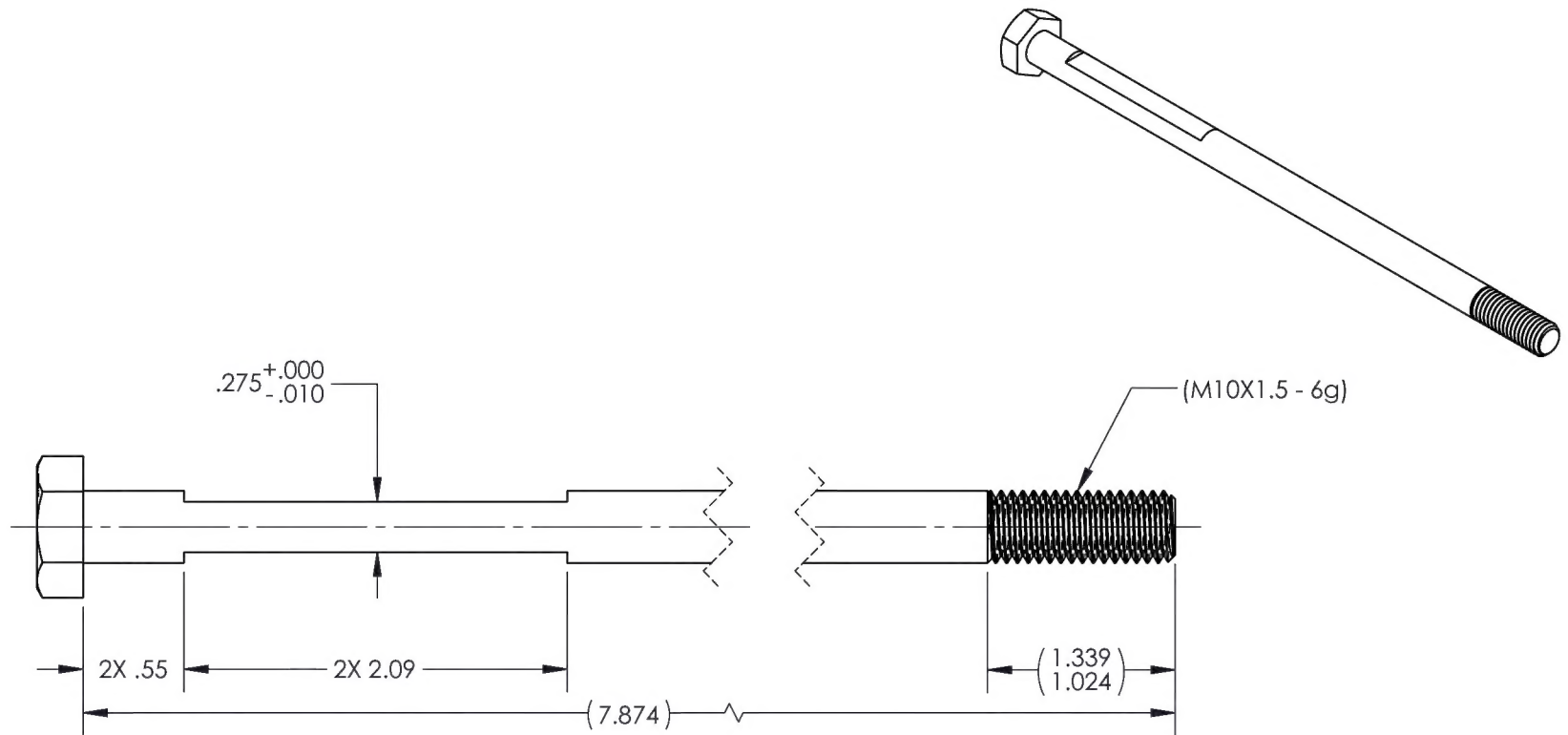


(-3)  
IMPACT WEIGHT

<b>DART AEROSPACE</b>	
TITLE <b>EXTRACTOR</b>	
DWG NO. <b>RBE117-68021W13-3</b>	REV <b>1</b>
MAT'L 4140/4142 HEAT TREAT RC 28-34 FINISH ZINC PLATE SPEC ASTM B633 TYPE I SC 2	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125°
DRAWN BY: DUERFELDT CHECKED: CLOUGH OPPS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
USED ON MODEL <b>H145</b>	
SCALE 1:1	DATE 8/25/2016
SHEET 3 OF 4	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



(-5)

HEX HEAD CAP SCREW

<b>DART AEROSPACE</b>	
TITLE <b>EXTRACTOR</b>	
DWG NO. <b>RBE117-68021W13-5</b>	REV <b>1</b>
MAT'L STEEL	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX ± .005 FRACTIONS ± 1/8
SPEC ASTM B633 TYPE I SC 2	.XX ± .01 ANGLES ± 5°
DRAWN BY: DUERFELDT	.X ± .1 SURFACES = 125
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 8/25/2016	USED ON MODEL
SHEET 4 OF 4	H145